

Elotex AG
Pat 1320/9-98

München, December 14, 1998
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CLAIMS

- 10 1. Redispersible material, particularly in powder form, which comprises a polymer containing silanol groups, the silanol groups being provided with a protective group.
2. Redispersible material according to claim 1, characterized in that the protective group is based on a hydroxy group-containing compound.
- 15 3. Redispersible material according to one of the claims 1 or 2, characterized in that the hydroxy group-containing compound is a polyol.
- 20 4. Redispersible material according to claim 3, characterized in that the polyol is a polyhydric alcohol in the form of trimethylolpropane, glycol; diethylene glycol, butane triol, pentane triol, hexane triol and/or pentaerythritol or a polymer with more than two hydroxy groups, particularly polyvinyl alcohol.
5. Aqueous system containing the redispersible material according to at least one of the claims 1 to 4.
- 25 6. Process for the preparation of a redispersible material according to one of the claims 1 to 5 by (reacting) a silanol group-containing polymer with a compound having a protective function for the silanol groups, optionally with the subsequent recovery of a redispersible, pulverulent material from the polymer provided with the protective groups.

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5 8. Process according to one of the claims 6 or 7, characterized in that the hydroxy group-containing compound is a polyol, particularly a polyhydric alcohol in the form of trimethylol propane, glycol, diethylene glycol, butane triol, pentane triol, hexane triol and/or pentaerythritol or a polymer with more than two hydroxy groups, particularly polyvinyl alcohol.

15 10. Use of the redispersible material according to one of the claims 1 to 5 in compo-
site and coating mortars, cement dyes and adhesives, plastic-containing, cement-bound
systems, particularly mortars, and plastic-bound, cement-free binders, particularly in ce-
ment-free mortars, gypsum mortars, primers, plasters, carpet, wood, powder and floor
adhesives, as well as in wallpaper pastes, disperse dyes and glass fibre composite sy-
20 stems.

Adcl AS

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